

Amendments to the Abstract:

Please amend the abstract to read as follows:

The invention relates to a A device (1), for evacuating a chamber to pressures in the high vacuum range[[],] comprising includes a suction-side vacuum pump (2) and an atmospheric-pressure-side vacuum pump (3). The suction-side vacuum pump (2) is embodied as a mechanical kinetic vacuum pump with a rotor (11) and a stator (10). The stator (10) has a rotationally-symmetrical inner surface which matches the outer rotor geometry. The rotor (11) in the mechanical kinetic vacuum pump (2) is provided with a structure (13) carrying out the gas pumping. Said gas pumping structure comprises webs (14), the angle and width of which decrease from the suction side to the pressure side. ~~According to the invention, the~~ The gas throughflow ~~may be~~ is improved[[],], whereby The outer diameter of the rotor (11) and the inner diameter of the stator (10) of the suction-side pump also decrease from the suction side to the pressure side.